

# Texas Cardiovascular Health & Wellness Program

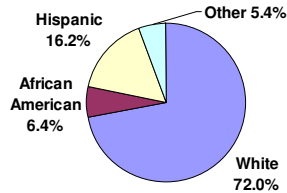
## Texas Department of State Health Services



### Cardiovascular Health Facts 2001-2007

#### City of Denton (Denton County)

#### Demography of Denton County in 2007 (Estimated Texas Population)



Demographics				
Age	Total	Males	Females	Percent
0-17	161,402	82,272	79,130	25.2
18-29	118,170	57,413	60,757	18.5
30-34	180,665	89,184	91,481	28.2
35-64	146,859	72,924	73,935	22.9
65+	33,251	14,836	18,415	5.2
<b>Total</b>	<b>640,347</b>	<b>316,629</b>	<b>323,718</b>	<b>100.0</b>

#### Prevalence Rates, Adults (≥18), 2007

#### Risk Factor Prevalence, Adults, 2007

	Denton County	Texas		Denton County	Texas
<b>CVD<sup>1</sup></b>	4.6%	8.3%	<b>Overweight &amp; Obesity (BMI 25 or Greater)</b>	63.9%	65.7%
<b>Heart Disease<sup>2</sup></b>	4.2%	6.7%	<b>Obesity (BMI 30 or Greater)</b>	27.2%	28.6%
<b>Stroke</b>	1.0%	2.8%	<b>No Leisure Time Physical Activity</b>	17.7%	28.3%
<b>High Blood Pressure</b>	18.6%	27.8%	<b>Current Smoker</b>	14.1%	19.3%
<b>High Cholesterol</b>	31.9%	38.5%	<b>Intake of Fruit &amp; Vegetables is &lt; 5 times a day</b>	70.1%	74.8%
<b>Diabetes</b>	7.8%	10.4%			

#### CVD and Stroke Age-Adjusted Mortality Rates<sup>3</sup> (per 100,000) 2001-2005

	CVD		Heart Disease		Stroke	
	Denton County	Texas	Denton County	Texas	Denton County	Texas
<b>Total</b>	282.0	317.5	208.2	237.6	52.5	58.8
<b>Male</b>	311.0	356.0	242.1	279.2	45.5	55.1
<b>Female</b>	255.9	284.0	180.1	203.1	55.9	60.6
<b>White</b>	290.8	319.2	216.5	241.0	52.8	57.7
<b>African American</b>	335.4	451.1	227.0	327.6	74.4	87.8
<b>Hispanic</b>	173.7	259.8	114.9	194.6	38.1	48.1

#### Hospital Discharge Data<sup>4</sup>

#### Texas EMS/Trauma Registry Data<sup>5</sup> 2007 for Health Service Region (HSR) 2/3

Denton County , 2007		Time (Min) for CVD		Time (Min) for Stroke		
	Total Charges	HSR 2/3	Texas	HSR 2/3	Texas	
Ischemic Heart Disease	\$109,800,201	Response Time = (Time Call Received - Time EMS Arrived on Scene)	8.0	8.3	8.4	9.1
Hemorrhagic Stroke	\$9,838,366	Scene Time = (Time EMS Arrived on Scene – Time EMS Departed Scene	18.1	18.5	18.0	18.1
Ischemic Stroke	\$22,946,110	Transport Time = (Time EMS Departed Scene – Time EMS Arrived at Destination)	15.5	14.5	14.0	14.3
Congestive Heart Failure	\$45,042,832	Delivery Time = (Time Call Received – Time EMS Arrived at Destination)	37.9	39.7	38.9	40.2

<sup>1</sup> 2007 Texas Behavioral Risk Factor Surveillance System, Statewide BRFSS Survey, for Respondents 18 years and older who report that they have been diagnosed as having had a Heart Attack, Myocardial Infarction, Angina, Coronary Heart Disease, or Stroke.

<sup>2</sup> Respondents 18 years and older who report that they have been diagnosed as having had a Heart Attack or Myocardial Infarction.

<sup>3</sup> 2001-2005 Texas Department of State Health Services Vital Statistics. Mortality due to CVD (ICD-10 Code I00-I99); Heart Disease (ICD-10 Code I00-I09, I11, I13, I20-I51); Stroke (ICD-10 Code I60-I69).

<sup>4</sup> 2007 Texas Health Care Information Council, Inpatient Hospital Discharge Public Use File, for persons all ages. Ischemic heart disease (ICD-9 Code 410-414); Hemorrhagic Stroke (ICD-9 Code 430-432); Ischemic Stroke (ICD-9 Code 436-438, 433, 434); Congestive Heart Failure (ICD-9 Code 428).

<sup>5</sup> Texas EMS/Trauma Registry Data Selected in 2007. the selection criteria as:

- Calls received during 2007
- Suspected Illness Types include Cardiac Arrest, Cardiac Rhythm Disturbance, and Chest Pain/Discomfort
- Medical-related calls only (i.e. calls exclusively related to trauma were excluded)
- 911 calls only (no inter-facility transfers) Texas residents only

The '-' indicates that the sample size was not a statistically valid sample size (< 50 respondents).